



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(s): Crawford, et al..

SERIAL NO.: 09/739,132      ART UNIT: 2174

FILED: 12/18/2000      EXAMINER: Truc T. Chuong

ATTORNEY DOCKET NO.: NC13989/873.0008.USU

Commissioner For Patent  
P.O. Box 1450  
Alexandria, VA 22313-1450

Supplemental Information Disclosure Statement

(37 C.F.R. §1.97(d))

Sir:

The following information is being disclosed to the U.S. Patent and Trademark Office as information that may be material to the examination of the above-identified patent application.

This application is related to co-pending U.S. Patent Application Serial No. 09/639,506.

A copy of the art is enclosed with a Form PTO-1449 for the Examiner's use.

Enclosed is a petition fee under 37 C.F.R. §1.17(p) of \$180.00. Applicants' Attorney hereby petitions for consideration of this Information Disclosure Statement under

37 C.F.R. §1.97(d)(2). Please charge any fee deficiency to deposit account 50-1924.

No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the information disclosure statement.

The filing of this Statement is not to be construed as a representation that a search has been made regarding the claimed invention (37 C.F.R. §1.97(g)) or that no other possible material information exists. In addition, the filing of this Statement is not to be construed to be an admission that the information cited in the Statement is, or is considered to be, material to Patentability (37 C.F.R. §1.97(h)).

Respectfully submitted,



Gerald J. Stanton (Reg. No. 46,008)

Dec 23, 2004

Date

**Customer No.: 29683**

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail on the date shown below in an envelope addressed to: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

12/23/04  
Date

Ann Okrentowich  
Ann Okrentowich



**INFORMATION DISCLOSURE  
CITATION FORM FOR  
PATENT APPLICATION  
(FORM PTO-1449)  
(Substitute)**

Pocket No.: NC 13989/873.0008.USU Serial No.: 09/739,132

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Group: 2174

**U.S. PATENT DOCUMENTS**

Examiner Initials	Document Number (Number-Kind Code)	Publication Date (MM-DD-YYYY)	Name of Patentee or Applicant	Class	Sub-class
	US-5,768,370	6/16/1998	Maatta et al.	379	433
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**FOREIGN PATENT DOCUMENTS**

Examiner Initials	Document Number (Country Code-Number-Kind Code)	Publication Date (MM-DD-YYYY)	Name Of Patentee of Applicant	Translation? Yes/No/n/a
	WO-01/24075-A1	4/5/2001	RUUTTU, JARI	
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**OTHER DOCUMENTS (Author (Capitalize), Title, Date, Pages, Etc., if known)**

	<a href="http://www.idenstore.com/dr/v2/ec_dynamic.main?sp=1&amp;pn=18&amp;sid=34196">www.idenstore.com/dr/v2/ec_dynamic.main?sp=1&amp;pn=18&amp;sid=34196</a> ; 2001; various pages
	"CAD/CAM/CAE for Ring Design and Manufacture" by Chua Chee Kai and Robert Gay, Computer-Aided Engineering Journal, February 1991 pp. 13-24.

Examiner's Signature:

Date Considered:

Initial if reference was considered, whether or not citation is in conformance with MPEP. Mark through citation if not considered.  
Include a copy of this citation form with your next correspondence to the Applicant(s).



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Examiner Initials	Document Number (Country Code-Number-Kind Code)	Publication Date (MM-DD-YYYY)	Name Of Patentee of Applicant	Translation? Yes/No/n/a
	WO 98/15908	4/16/1998	HARASAKI, H.	
	WO 01/24074 A1	4/5/2001	RUUTTU, JARI	

**OTHER DOCUMENTS (Author (Capitalize), Title, Date, Pages, Etc., if known)**


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